BRUHAT BANGALORE MAHANAGARA PALIKE

Name of WORK:-Improvements to Balance Roads and Drains at Bhuvaneshwarinagara and Maruthi Layout of Dasarahalli Village Jurisdiction area in Ward no. 06 Thanisandra

Measurements Taken On :

MEASUREMENT SHEET

First and Final

Sl.No From	To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.01		Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all liftsas per specifications. iii)Dismantling Stone Masonry. B. Rubble Stone masonry in cement mortar. and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no. 01								6.66		
									Total Executed Quantity	6.66		
									Tender Quantity	6.66		
									Now to be paid Quantity	6.66	450.00	2997.00
Item no.02		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no. 02 to 05								1494.32		
									Total Executed Quantity	1494.32		
									Tender Quantity	1495.73		
									Now to be paid Quantity	1494.32	300.00	448294.50
Item no.03		Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no. 06 to 11								513.95		
									Total Executed Quantity	513.95		
									Tender Quantity	508.34		
									Quantity Limited To	508.34	6500.00	3304210.00
Item no.04		Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per specification and as per the directions of the Engineer-in-charge of the work										
Measurements taken on												
		Bottom Raft										
		Maruthi Layout										
		8th Cross Road										
		W0332										
		LHS										
		West to East										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	36.7		Cum	1	6.70	1.05	1.05	1.05	0.15	1.06		
		RHS										
		East to West										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	26.1		Cum	1	11.10	1.05	1.05	1.05	0.15	1.75		
		W0324										
		RHS										
		West to East										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	59.3		Cum	1	14.30	1.05	1.05	1.05	0.15	2.25		

19.23

CIVIL Pro Sig..... Date..... BMC BANGALORE

Contractor

10.03.2022 Assistant Engineer

10/3/22 Assistant Executive Engineer

MEASUREMENT SHEET

First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		W0529										
		LHS										
		South to North										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	42.5		Cum	1	12.50	1.05	1.05	1.05	0.15	1.97		
		RHS										
		North to South										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	35.5		Cum	1	5.50	1.05	1.05	1.05	0.15	0.87		
		W0318										
		LHS										
		West to East										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	60		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
60	66.5		Cum	1	6.50	1.05	1.05	1.05	0.15	1.02		
		RHS										
		East to West										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	60		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
60	61.5		Cum	1	1.50	1.05	1.05	1.05	0.15	0.24		
		W0324										
		LHS										
		West to East										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	51.5		Cum	1	6.50	1.05	1.05	1.05	0.15	1.02		
		RHS										
		East to West										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	43.5		Cum	1	13.50	1.05	1.05	1.05	0.15	2.13		
		W0326										
		LHS										
		North to South										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	23.3		Cum	1	8.30	1.05	1.05	1.05	0.15	1.31		
		RHS										
		South to North										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	17		Cum	1	2.00	1.05	1.05	1.05	0.15	0.32		
		W0537										
		LHS										
		West to East										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		

58.48

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	51.5		Cum	1	6.50	1.05	1.05	1.05	0.15	1.02		
51.5	57.8	Road Break	Cum	1	0.00	1.05	1.05	1.05	0.15	0.00		
57.8	72.8		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
72.8	85		Cum	1	12.20	1.05	1.05	1.05	0.15	1.92		
		RHS										
		East to West										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	60		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
60	75		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
75	85		Cum	1	10.00	1.05	1.05	1.05	0.15	1.58		
		W0537 Dead End										
		North to South										
0	7.8		Cum	1	7.80	1.05	1.05	1.05	0.15	1.23		
		W0529										
		LHS										
		North to South										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	27		Cum	1	12.00	1.05	1.05	1.05	0.15	1.89		
		RHS										
		South to North										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	26.5		Cum	1	11.50	1.05	1.05	1.05	0.15	1.81		
		Govt. School Road Dasarahalli										
		W0364										
		LHS										
		East to West										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	60		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
60	68.8		Cum	1	8.80	1.05	1.05	1.05	0.15	1.39		
68.8	78.8	No Work	Cum	1	0.00	1.05	1.05	1.05	0.15	0.00		
78.8	90		Cum	1	11.20	1.05	1.05	1.05	0.15	1.76		
90	105		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
105	120		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
120	132.5		Cum	1	12.50	1.05	1.05	1.05	0.15	1.97		
0	6.7		Cum	1	6.70	1.05	1.05	1.05	0.15	1.06		
		Maruthi Layout										
		5th Cross Road										
		LHS										
		North to South										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	53.5		Cum	1	8.50	1.05	1.05	1.05	0.15	1.34		
		RHS										
		South to North										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		

62.41

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

Assistant Engineer 12/3/2022

Assistant Executive Engineer 12/3/2022

MEASUREMENT SHEET

First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	59		Cum	1	14.00	1.05	1.05	1.05	0.15	2.21		
		W0630										
		RHS										
		West to East										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	24.5		Cum	1	9.50	1.05	1.05	1.05	0.15	1.50		
24.5	34.5		Cum	1	10.00	1.05	1.05	1.05	0.15	1.58		
34.5	45		Cum	1	10.50	1.05	1.05	1.05	0.15	1.65		
45	60		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
60	67.5		Cum	1	7.50	1.05	1.05	1.05	0.15	1.18		
		LHS										
		West to East										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	60		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
60	75		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
75	90		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
90	105		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
105	107.5		Cum	1	2.50	1.05	1.05	1.05	0.15	0.39		
		W1047										
		RHS										
		North to South										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	55		Cum	1	10.00	1.05	1.05	1.05	0.15	1.58		
55	70		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
		W1055										
		RHS										
		North to South										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	19.8	Culvert	Cum	0	0.00	1.05	1.05	1.05	0.15	0.00		
19.8	30		Cum	1	10.20	1.05	1.05	1.05	0.15	1.61		
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	60		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
60	75		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
75	84.2		Cum	1	9.20	1.05	1.05	1.05	0.15	1.45		
		Maruthi Layout										
		2nd Cross Road										
		LHS										
		North to South										
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
30	45		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
45	60		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
60	64.1		Cum	1	4.10	1.05	1.05	1.05	0.15	0.65		

65.71

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

Assistant Engineer

Assistant exicutive Engineer

MEASUREMENT SHEET

First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Measurements taken on												
		Side Wall										
		Maruthi Layout										
		8th Cross Road										
		W0332										
		LHS										
		West to East										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	36.7		Cum	2	6.70	0.15	0.15	0.15	0.60	1.21		
		RHS										
		East to West										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	26.1		Cum	2	11.10	0.15	0.15	0.15	0.60	2.00		
		W0324										
		RHS										
		West to East										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	59.3		Cum	2	14.30	0.15	0.15	0.15	0.60	2.57		
		W0529										
		LHS										
		South to North										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	42.5		Cum	2	12.50	0.15	0.15	0.15	0.60	2.25		
		RHS										
		North to South										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	35.5		Cum	2	5.50	0.15	0.15	0.15	0.60	0.99		
		W0318										
		LHS										
		West to East										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
60	66.5		Cum	2	6.50	0.15	0.15	0.15	0.60	1.17		
		RHS										
		East to West										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
60	61.5		Cum	2	1.50	0.15	0.15	0.15	0.60	0.27		
		W0324										
		LHS										
		West to East										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		

64.46.

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

Assistant Engineer 14.03.2022

Assistant exicutive Engineer

MEASUREMENT SHEET
First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	51.5		Cum	2	6.50	0.15	0.15	0.15	0.60	1.17		
		RHS										
		East to West										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	43.5		Cum	2	13.50	0.15	0.15	0.15	0.60	2.43		
		W0326										
		LHS										
		North to South										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	23.3		Cum	2	8.30	0.15	0.15	0.15	0.60	1.49		
		RHS										
		South to North										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	17		Cum	2	2.00	0.15	0.15	0.15	0.60	0.36		
		W0537										
		LHS										
		West to East										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	51.5		Cum	2	6.50	0.15	0.15	0.15	0.60	1.17		
51.5	57.8	Road Break	Cum	2	0.00	0.15	0.15	0.15	0.60	0.00		
57.8	72.8		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
72.8	85		Cum	2	12.20	0.15	0.15	0.15	0.60	2.20		
		RHS										
		East to West										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
60	75		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
75	85		Cum	2	10.00	0.15	0.15	0.15	0.60	1.80		
		W0537 Dead End										
		North to South										
0	7.8		Cum	2	7.80	0.15	0.15	0.15	0.60	1.40		
		W0529										
		LHS										
		North to South										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	27		Cum	2	12.00	0.15	0.15	0.15	0.60	2.16		
		RHS										
		South to North										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	26.5		Cum	2	11.50	0.15	0.15	0.15	0.60	2.07		
		Govt. School Road Dasarahalli										
		W0364										
		LHS										
		East to West										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		

62.15

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

Assistant Engineer 16.03.2022

Assistant Executive Engineer 16/3/2022

MEASUREMENT SHEET

First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
60	68.8		Cum	2	8.80	0.15	0.15	0.15	0.60	1.58		
68.8	78.8	No Work	Cum	2	0.00	0.15	0.15	0.15	0.60	0.00		
78.8	90		Cum	2	11.20	0.15	0.15	0.15	0.60	2.02		
90	105		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
105	120		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
120	132.5		Cum	2	12.50	0.15	0.15	0.15	0.60	2.25		
0	6.7		Cum	2	6.70	0.15	0.15	0.15	0.60	1.21		
		Maruthi Layout										
		5th Cross Road										
		LHS										
		North to South										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	53.5		Cum	2	8.50	0.15	0.15	0.15	0.60	1.53		
		RHS										
		South to North										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	59		Cum	2	14.00	0.15	0.15	0.15	0.60	2.52		
		W0630										
		RHS										
		West to East										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	24.5		Cum	2	9.50	0.15	0.15	0.15	0.60	1.71		
24.5	34.5		Cum	2	10.00	0.15	0.15	0.15	0.60	1.80		
34.5	45		Cum	2	10.50	0.15	0.15	0.15	0.60	1.89		
45	60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
60	67.5		Cum	2	7.50	0.15	0.15	0.15	0.60	1.35		
		LHS										
		West to East										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
60	75		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
75	90		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
90	105		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
105	107.5		Cum	2	2.50	0.15	0.15	0.15	0.60	0.45		
		W1047										
		RHS										
		North to South										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	55		Cum	2	10.00	0.15	0.15	0.15	0.60	1.80		
55	70		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		

86.91

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

Assistant Engineer

Assistant exicutive Engineer

MEASUREMENT SHEET

First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		W1055										
		RHS										
		North to South										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	19.8	Culvert	Cum	0	0.00	0.15	0.15	0.15	0.60	0.00		
19.8	30		Cum	2	10.20	0.15	0.15	0.15	0.60	1.84		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
60	75		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
75	84.2		Cum	2	9.20	0.15	0.15	0.15	0.60	1.66		
		Maruthi Layout										
		2nd Cross Road										
		LHS										
		North to South										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45	60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
60	64.1		Cum	2	4.10	0.15	0.15	0.15	0.60	0.74		
								Sub Total		445.03		25.83
		Culvert										
		Bottom Raft										
		W0364	Cum	1	7.80	1.20	1.20	1.20	0.20	1.87		
		W0630	Cum	1	4.80	1.20	1.20	1.20	0.20	1.15		
		Cross Road	Cum	1	7.00	1.50	1.50	1.50	0.20	2.10		
		W0332	Cum	1	7.30	1.50	1.50	1.50	0.20	2.19		
		W0324	Cum	1	6.70	1.50	1.50	1.50	0.20	2.01		
		W0324	Cum	1	6.20	1.50	1.50	1.50	0.20	1.86		
		W0529	Cum	1	7.00	1.50	1.50	1.50	0.20	2.10		
		Side Wall										
		W0364	Cum	2	7.80	0.20	0.20	0.20	0.50	1.56		
		W0630	Cum	2	4.80	0.20	0.20	0.20	0.50	0.96		
		Cross Road	Cum	2	7.00	0.20	0.20	0.20	0.60	1.68		
		W0332	Cum	2	7.30	0.20	0.20	0.20	0.60	1.75		
		W0324	Cum	2	6.70	0.20	0.20	0.20	0.60	1.61		
		W0324	Cum	2	6.20	0.20	0.20	0.20	0.60	1.49		
		W0529	Cum	2	7.00	0.20	0.20	0.20	0.60	1.68		
								Sub Total		24.01		24.01
									Total Executed Quantity	469.04		
									Tender Quantity	469.03		
									Quantity Limited To	469.03	5400.00	2532762.00
Item no.05		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work										
			Tonne									
		Vide Total executed Quantity from premeasuremet Page no.								33.57		
									Total Executed Qty	33.57		
									Tender Quantity	33.55		
									Quantity Limited To	33.55	84000.00	2818200.00

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate RS
Item no.06		Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including for work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportatio and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Maruthi Layout									
		8th Cross Road									
		W0332									
		LHS									
		West to East									
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50	
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50	
30	36.7		Sqm	1	6.70	0.90	0.90	0.90		6.03	
		RHS									
		East to West									
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50	
15	26.1		Sqm	1	11.10	0.90	0.90	0.90		9.99	
		W0324									
		RHS									
		West to East									
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25	
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25	
30	45		Sqm	1	15.00	0.75	0.75	0.75		11.25	
45	59.3		Sqm	1	14.30	0.75	0.75	0.75		10.73	
		W0529									
		LHS									
		South to North									
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25	
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25	
30	42.5		Sqm	1	12.50	0.75	0.75	0.75		9.38	
		RHS									
		North to South									
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25	
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25	
30	35.5		Sqm	1	5.50	0.75	0.75	0.75		4.13	
		W0318									
		LHS									
		West to East									
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25	
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25	
30	45		Sqm	1	15.00	0.75	0.75	0.75		11.25	
45	60		Sqm	1	15.00	0.75	0.75	0.75		11.25	
60	66.5		Sqm	1	6.50	0.75	0.75	0.75		4.88	
		RHS									
		East to West									
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25	
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25	
30	45		Sqm	1	15.00	0.75	0.75	0.75		11.25	
45	60		Sqm	1	15.00	0.75	0.75	0.75		11.25	
60	61.5		Sqm	1	1.50	0.75	0.75	0.75		1.13	

256.50

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

Assistant Executive Engineer

MEASUREMENT SHEET

First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		W0324										
		LHS										
		West to East										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30	45		Sqm	1	15.00	0.75	0.75	0.75		11.25		
45	51.5		Sqm	1	6.50	0.75	0.75	0.75		4.88		
		RHS										
		East to West										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30	43.5		Sqm	1	13.50	0.75	0.75	0.75		10.13		
		W0326										
		LHS										
		North to South										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	23.3		Sqm	1	8.30	0.75	0.75	0.75		6.23		
		RHS										
		South to North										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	17		Sqm	1	2.00	0.75	0.75	0.75		1.50		
		W0537										
		LHS										
		West to East										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30	45		Sqm	1	15.00	0.75	0.75	0.75		11.25		
45	51.5		Sqm	1	6.50	0.75	0.75	0.75		4.88		
51.5	57.8	Road Break	Sqm	1	0.00	0.75	0.75	0.75		0.00		
57.8	72.8		Sqm	1	15.00	0.75	0.75	0.75		11.25		
72.8	85		Sqm	1	12.20	0.75	0.75	0.75		9.15		
		RHS										
		East to West										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30	45		Sqm	1	15.00	0.75	0.75	0.75		11.25		
45	60		Sqm	1	15.00	0.75	0.75	0.75		11.25		
60	75		Sqm	1	15.00	0.75	0.75	0.75		11.25		
75	85		Sqm	1	10.00	0.75	0.75	0.75		7.50		
		W0537 Dead End										
		North to South										
0	7.8		Sqm	1	7.80	0.75	0.75	0.75		5.85		
		W0529										
		LHS										
		North to South										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	27		Sqm	1	12.00	0.75	0.75	0.75		9.00		
		RHS										
		South to North										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	26.5		Sqm	1	11.50	0.75	0.75	0.75		8.63		

270.23

CIVIE Pro Sig..... Date..... BANGALORE

Contactor

Assistant Engineer

Assistant executive Engineer

MEASUREMENT SHEET

First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		Govt. School Road Dasarahalli										
		W0364										
		LHS										
		East to West										
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50		
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50		
30	45		Sqm	1	15.00	0.90	0.90	0.90		13.50		
45	60		Sqm	1	15.00	0.90	0.90	0.90		13.50		
60	68.8		Sqm	1	8.80	0.90	0.90	0.90		7.92		
68.8	78.8	No Work	Sqm	1	0.00	0.90	0.90	0.90		0.00		
78.8	90		Sqm	1	11.20	0.90	0.90	0.90		10.08		
90	105		Sqm	1	15.00	0.90	0.90	0.90		13.50		
105	120		Sqm	1	15.00	0.90	0.90	0.90		13.50		
120	132.5		Sqm	1	12.50	0.90	0.90	0.90		11.25		
0	6.7		Sqm	1	6.70	0.90	0.90	0.90		6.03		
		Maruthi Layout										
		5th Cross Road										
		LHS										
		North to South										
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50		
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50		
30	45		Sqm	1	15.00	0.90	0.90	0.90		13.50		
45	53.5		Sqm	1	8.50	0.90	0.90	0.90		7.65		
		RHS										
		South to North										
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50		
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50		
30	45		Sqm	1	15.00	0.90	0.90	0.90		13.50		
45	59		Sqm	1	14.00	0.90	0.90	0.90		12.60		
		W0630										
		RHS										
		West to East										
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50		
15	24.5		Sqm	1	9.50	0.90	0.90	0.90		8.55		
24.5	34.5	BS Slab	Sqm	0	0.00	0.00	0.00	0.00		0.00		
34.5	45		Sqm	1	10.50	0.90	0.90	0.90		9.45		
45	60		Sqm	1	15.00	0.90	0.90	0.90		13.50		
60	67.5		Sqm	1	7.50	0.90	0.90	0.90		6.75		
		LHS										
		West to East										
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50		
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50		
30	45		Sqm	1	15.00	0.90	0.90	0.90		13.50		
45	60		Sqm	1	15.00	0.90	0.90	0.90		13.50		
60	75		Sqm	1	15.00	0.90	0.90	0.90		13.50		
75	90		Sqm	1	15.00	0.90	0.90	0.90		13.50		
90	105		Sqm	1	15.00	0.90	0.90	0.90		13.50		
105	107.5		Sqm	1	2.50	0.90	0.90	0.90		2.25		
		W1047										
		RHS										
		North to South										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30	45		Sqm	1	15.00	0.75	0.75	0.75		11.25		
45	55	BS Slab	Sqm	0	0.00	0.00	0.00	0.00		0.00		

608.78

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

Assistant Executive Engineer

MEASUREMENT SHEET

First and Final

Page From	Page To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		Item no.10 Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no. 24 to 26								4267.08		
										Total Executed Quantity	4267.08	
										Tender Quantity	4159.02	
										Quantity Limited to	4159.02	6.50	27033.63
		Item no.11 Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no. 27 to 29								550.66		
										Total Executed Quantity	550.66	
										Tender Quantity	542.01	
										Quantity Limited to	542.01	2500.00	1355025.00
		Item no.12 Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no. 30 to 33								788.67		
										Total Executed Quantity	788.67	
										Tender Quantity	781.30	
										Quantity Limited to	781.30	2500.00	1953250.00
		Item no.13 Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications. and as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no. 34 to								2498.84		
										Total Executed Quantity	2498.84	
										Tender Quantity	2427.82	
										Quantity Limited to	2427.82	25.00	60695.50
		Item no.14 Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no. 36								785.64		
										Total Executed Quantity	785.64	
										Tender Quantity	713.40	
										Quantity Limited to	713.40	35.00	24969.00
		Item no.15 Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no. 37								39.28		
										Total Executed Quantity	39.28	
										Tender Quantity	35.67	
										Quantity Limited to	35.67	7500.00	267525.00
		Item no.16 Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications.and as per the directions of the Engineer-in-charge of the work 38										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no.								786.96		
										Total Executed Quantity	786.96	
										Tender Quantity	713.40	
										Quantity Limited to	713.40	5.30	3781.02

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

Assistant Engineer

Assistant Exicutive Engineer

MEASUREMENT SHEET
First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
55	70		Sqm	1	15.00	0.75	0.75	0.75		11.25		
		W1055										
		RHS										
		North to South										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	19.8	Culvert	Sqm	0	0.00	0.75	0.75	0.75		0.00		
19.8	30		Sqm	1	10.20	0.75	0.75	0.75		7.65		
30	45		Sqm	1	15.00	0.75	0.75	0.75		11.25		
45	60		Sqm	1	15.00	0.75	0.75	0.75		11.25		
60	75		Sqm	1	15.00	0.75	0.75	0.75		11.25		
75	84.2		Sqm	1	9.20	0.75	0.75	0.75		6.90		
		Maruthi Layout										
		2nd Cross Road										
		LHS										
		North to South										
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50		
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50		
30	45		Sqm	1	15.00	0.90	0.90	0.90		13.50		
45	60		Sqm	1	15.00	0.90	0.90	0.90		13.50		
60	64.1		Sqm	1	4.10	0.90	0.90	0.90		3.69		
									Total Executed Quantity	1053.99		
									Tender Quantity	988.95		
									Quantity Limited to	988.95	2500.00	2472375.00

Item no.07 Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete. and as per the directions of the Engineer-in-charge of the work

Measurements taken on

	Culvert Slab										
	W0364	Sqm	1	7.80	1.20	1.20	1.20		9.36		
	W0630	Sqm	1	4.80	1.20	1.20	1.20		5.76		
	Cross Road	Sqm	1	7.00	1.50	1.50	1.50		10.50		
	W0332	Sqm	1	7.30	1.50	1.50	1.50		10.95		
	W0324	Sqm	1	6.70	1.50	1.50	1.50		10.05		
	W0324	Sqm	1	6.20	1.50	1.50	1.50		9.30		
	W0529	Sqm	1	7.00	1.50	1.50	1.50		10.50		
								Total Executed Quantity	66.42		
								Tender Quantity	57.57		
								Quantity Limited to	57.57	6000.00	345420.00

Item no.08 Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work

		Sqm									
	Vide Total executed Quantity from premeasuremet Page no. 18 to 22								1732.94		
								Total Executed Quantity	1732.94		
								Tender Quantity	1717.18		
								Now to be paid Quantity	1717.18	75.00	128788.50

Item no.09 Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work

		Sqm									
	Vide Total executed Quantity from premeasuremet Page no. 23,								596.43		
								Total Executed Quantity	596.43		
								Tender Quantity	545.60		
								Quantity Limited to	545.60	45.00	24552.00

Contactor

CIVIL Pro Sig..... Date..... BMC BANGALORE

Assistant Engineer

Assistant exicutive Engineer

MEASUREMENT SHEET

First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate	Amount in RS.
Item no.17		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surface [illegible], heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no. 39 to 40								2498.84		
										Total Executed Quantity 2498.84		
										Tender Quantity 2427.82		
										Quantity Limited to 2427.82	15.00	36417.30
Item no.18		Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work										
Measurements taken on												
		Maruthi Layout										
		W0326/W0537										
		From West to East										
0	15		Cum	1	15.00	5.50	5.90	5.70	0.04	3.42		
15	30		Cum	1	15.00	5.90	5.90	5.90	0.04	3.54		
30	45		Cum	1	15.00	5.90	5.80	5.85	0.04	3.51		
45	60		Cum	1	15.00	5.80	5.80	5.80	0.04	3.48		
60	75		Cum	1	15.00	5.80	6.10	5.95	0.04	3.57		
75	84		Cum	1	9.00	6.10	6.30	6.20	0.04	2.23		
		W0324										
		South to North										
0	15		Cum	1	15.00	5.80	5.70	5.75	0.04	3.45		
15	17.2		Cum	1	2.20	5.70	5.75	5.73	0.04	0.50		
		W0324										
		East to West										
0	15		Cum	1	15.00	6.30	5.90	6.10	0.04	3.66		
15	30		Cum	1	15.00	5.90	5.90	5.90	0.04	3.54		
30	45		Cum	1	15.00	5.90	6.10	6.00	0.04	3.60		
45	49.3		Cum	1	4.30	6.10	6.10	6.10	0.04	1.05		
49.3	50.8	**Culvert**										
50.8	56.6		Cum	1	5.80	6.00	6.10	6.05	0.04	1.40		
56.6	70		Cum	1	13.40	6.10	6.20	6.15	0.04	3.30		
70	85		Cum	1	15.00	6.20	6.85	6.53	0.04	3.92		
85	92.8		Cum	1	7.80	6.85	6.85	6.85	0.04	2.14		
92.8	105		Cum	1	12.20	5.20	5.60	5.40	0.04	2.64		
105	115.4		Cum	1	10.40	5.60	5.40	5.50	0.04	2.29		
		W0529										
		South to North										
0	15		Cum	1	15.00	6.25	6.20	6.23	0.04	3.74		
15	30		Cum	1	15.00	6.20	6.20	6.20	0.04	3.72		
30	37.5		Cum	1	7.50	6.20	6.20	6.20	0.04	1.86		
37.5	45		Cum	1	7.50	5.70	5.70	5.70	0.04	1.71		
45	60		Cum	1	15.00	6.00	6.00	6.00	0.04	3.60		
60	75		Cum	1	15.00	6.00	5.80	5.90	0.04	3.54		
75	80		Cum	1	5.00	5.80	5.80	5.80	0.04	1.16		
		W0318										
		West to East										
0	15		Cum	1	15.00	7.00	6.70	6.85	0.04	4.11		
15	30		Cum	1	15.00	6.70	6.80	6.75	0.04	4.05		
30	45		Cum	1	15.00	6.80	6.50	6.65	0.04	3.99		
45	60		Cum	1	15.00	6.50	6.00	6.25	0.04	3.75		
60	64.2		Cum	1	4.20	6.00	6.70	6.35	0.04	1.07		

87.52

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

28.4.2022

Assistant Engineer

Assistant exicutive Engineer

MEASUREMENT SHEET
First and Final

Drainage From	Drainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		W0332										
		West to East										
0	15		Cum	1	15.00	5.50	5.50	5.50	0.04	3.30		
15	30		Cum	1	15.00	5.50	5.50	5.50	0.04	3.30		
30	33.5		Cum	1	3.50	2.20	2.20	2.20	0.04	0.31		
		Cross Road										
		West to East										
0	15		Cum	1	15.00	5.10	4.80	4.95	0.04	2.97		
15	30		Cum	1	15.00	4.80	4.30	4.55	0.04	2.73		
		Chember										
			Cum	-10	0.44				0.04	-0.18	12.43	
					Area of circle=(3.14X0.75²)/4=0.44							
										Total Executed Quantity	**99.95**	
										Tender Quantity	**97.11**	
										Quantity Limited To	**97.11**	**9900.00**	**961389.00**

Item no.19 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and as per the directions of the Engineer-in-charge of the work

Measurements taken on

		Maruthi Layout										
		W0326/W0537										
		From West to East										
0	15		Sqm	2	15.00	0.10	0.10	0.10		3.00		
15	30		Sqm	2	15.00	0.10	0.10	0.10		3.00		
30	45		Sqm	2	15.00	0.10	0.10	0.10		3.00		
45	60		Sqm	2	15.00	0.10	0.10	0.10		3.00		
60	75		Sqm	2	15.00	0.10	0.10	0.10		3.00		
75	84		Sqm	2	9.00	0.10	0.10	0.10		1.80		
		W0324										
		South to North										
0	15		Sqm	2	15.00	0.10	0.10	0.10		3.00		
15	17.2		Sqm	2	2.20	0.10	0.10	0.10		0.44		
		W0324										
		East to West										
0	15		Sqm	2	15.00	0.10	0.10	0.10		3.00		
15	30		Sqm	2	15.00	0.10	0.10	0.10		3.00		
30	45		Sqm	2	15.00	0.10	0.10	0.10		3.00		
45	49.3		Sqm	2	4.30	0.10	0.10	0.10		0.86		
49.3	50.8	**Culvert**	Sqm	0	0.00	0.10	0.10	0.10		0.00		
50.8	56.6		Sqm	2	5.80	0.10	0.10	0.10		1.16		
56.6	70		Sqm	2	13.40	0.10	0.10	0.10		2.68		
70	85		Sqm	2	15.00	0.10	0.10	0.10		3.00		
85	92.8		Sqm	2	7.80	0.10	0.10	0.10		1.56		
92.8	105		Sqm	2	12.20	0.10	0.10	0.10		2.44		
105	115.4		Sqm	2	10.40	0.10	0.10	0.10		2.08		
		W0529										
		South to North										
0	15		Sqm	2	15.00	0.10	0.10	0.10		3.00		
15	30		Sqm	2	15.00	0.10	0.10	0.10		3.00		
30	37.5		Sqm	2	7.50	0.10	0.10	0.10		1.50		
37.5	45		Sqm	2	7.50	0.10	0.10	0.10		1.50		
45	60		Sqm	2	15.00	0.10	0.10	0.10		3.00		
60	75		Sqm	2	15.00	0.10	0.10	0.10		3.00		
75	80		Sqm	2	5.00	0.10	0.10	0.10		1.00		

59.02

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

Assistant Engineer

Assistant exicutive Engineer

MEASUREMENT SHEET
First and Final

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		W0318										
		West to East										
0	15		Sqm	2	15.00	0.10	0.10	0.10		3.00		
15	30		Sqm	2	15.00	0.10	0.10	0.10		3.00		
30	45		Sqm	2	15.00	0.10	0.10	0.10		3.00		
45	60		Sqm	2	15.00	0.10	0.10	0.10		3.00		
60	64.2		Sqm	2	4.20	0.10	0.10	0.10		0.84		
		W0332										
		West to East										
0	15		Sqm	2	15.00	0.10	0.10	0.10		3.00		
15	30		Sqm	2	15.00	0.10	0.10	0.10		3.00		
30	33.5		Sqm	2	3.50	0.10	0.10	0.10		0.70		
		Cross Road										
		West to East										
0	15		Sqm	2	15.00	0.10	0.10	0.10		3.00		
15	30		Sqm	2	15.00	0.10	0.10	0.10		3.00		
									Total Executed Quantity	**84.56**		
									Tender Quantity	**80.76**		
									Quantity Limited To	**80.76**	**573.00**	**46275.48**
Item no.20		Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no. 41								23.53		
									Total Executed Quantity	**23.53**		
									Tender Quantity	**19.95**		
									Quantity Limited To	**19.95**	**1300.00**	**25935.00**
Item no.21		Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire chargedof machines,all lead and lift charges etc., complete as per specifications. and as per the directions of the Engineer-in-charge of the work										
Measurements taken on												
		Maruthi Layout										
		W1047										
		(From North to South)										
0	10		Cum	1	10.00	2.10	2.25	2.18	0.15	3.26		
10	15		Cum	1	5.00	2.80	2.50	2.65	0.15	1.99		
15	30		Cum	1	15.00	2.50	2.35	2.43	0.15	5.46		
30	36.6		Cum	1	6.60	2.35	2.10	2.23	0.15	2.20		
36.6	45		Cum	1	8.40	2.80	3.25	3.03	0.15	3.81		
45	60		Cum	1	15.00	3.25	3.35	3.30	0.15	7.43		
60	66.5		Cum	1	6.50	3.35	3.35	3.35	0.15	3.27		
		W0630										
		(From West to East)										
0	15		Cum	1	15.00	4.70	4.30	4.50	0.15	10.13		
15	30		Cum	1	15.00	4.30	4.00	4.15	0.15	9.34		
30	45		Cum	1	15.00	4.00	3.40	3.70	0.15	8.33		
45	60		Cum	1	15.00	3.40	3.25	3.33	0.15	7.48		
60	75		Cum	1	15.00	3.25	3.20	3.23	0.15	7.26		
75	76.9		Cum	1	1.90	3.20	3.10	3.15	0.15	0.90		
76.9	90		Cum	1	13.10	4.50	4.30	4.40	0.15	8.65		
90	105		Cum	1	15.00	4.30	4.35	4.33	0.15	9.73		

89.21

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

29.04.2022

Assistant Engineer

Assistant exicutive Engineer

MEASUREMENT SHEET

First and Final

Drainage From	Drainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
105	114.1		Cum	1	9.10	4.35	4.65	4.50	0.15	6.14		
		W1049										
		(From North to South)										
0	15		Cum	1	15.00	3.80	3.80	3.80	0.15	8.55		
15	30		Cum	1	15.00	3.80	4.00	3.90	0.15	8.78		
30	45		Cum	1	15.00	4.00	4.00	4.00	0.15	9.00		
45	60		Cum	1	15.00	4.00	4.10	4.05	0.15	9.11		
60	64.8		Cum	1	4.80	4.10	3.80	3.95	0.15	2.84		
64.8	67.5		Cum	1	2.70	3.80	4.40	4.10	0.15	1.66		
		W1035										
		(From West to East)										
0	7.6		Cum	1	7.60	3.20	3.00	3.10	0.15	3.53		
7.6	14		Cum	1	6.40	3.70	3.00	3.35	0.15	3.22		
14	22.9		Cum	1	8.90	3.80	3.50	3.65	0.15	4.87		
22.9	29.5		Cum	1	6.60	5.00	4.70	4.85	0.15	4.80		
29.5	40		Cum	1	10.50	4.40	2.80	3.60	0.15	5.67		
40	53.4		Cum	1	13.40	2.80	3.00	2.90	0.15	5.83		
		W1035										
		(From West to East)										
0	15		Cum	1	15.00	2.60	2.60	2.60	0.15	5.85		
15	23.4		Cum	1	8.40	2.60	2.60	2.60	0.15	3.28		
		W0529										
		(From North to South)										
0	5.2		Cum	1	5.20	5.80	5.80	5.80	0.15	4.52		
5.2	15		Cum	1	9.80	3.90	3.90	3.90	0.15	5.73		
15	26.3		Cum	1	11.30	3.90	3.90	3.90	0.15	6.61		
		W0348										
		From West to East										
0	15		Cum	1	15.00	5.20	4.70	4.95	0.15	11.14		
15	30		Cum	1	15.00	4.70	4.70	4.70	0.15	10.58		
30	45		Cum	1	15.00	4.70	4.80	4.75	0.15	10.69		
45	60		Cum	1	15.00	4.80	4.70	4.75	0.15	10.69		
60	75		Cum	1	15.00	4.70	3.90	4.30	0.15	9.68		
		W0609										
		From South to North										
0	15		Cum	1	15.00	4.70	4.50	4.60	0.15	10.35		
15	30		Cum	1	15.00	3.90	4.10	4.00	0.15	9.00		
30	37.2		Cum	1	7.20	4.10	4.00	4.05	0.15	4.37		
		Chember										
			Cum	-7	0.44				0.15	-0.46	176.02	
					Area of circle=(3.14X0.75²)/4=0.44							
										Total Executed Quantity	**265.24**	
										Tender Quantity	**259.68**	
										Quantity Limited To	**259.68**	**5900.00**	**1532112.00**
												Sub Total	**18372006.93**
												For 12% Applicable GST	**2204641.00**
												Total Amount	**20576647.93**

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer 29.04.2022 Assistant exicutive Engineer